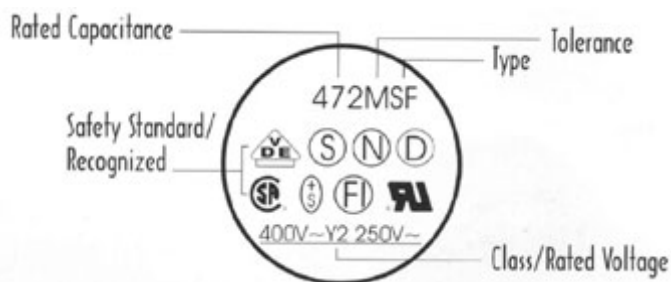


## APPLICATIONS:

For use in circuit where alternating, pulsating, intermittent and steady voltages exit.

<b>Operating Temp. Range</b>	-30°C to 85°C		
<b>Rated Voltage</b>	Applicable Standards		Rated Voltage
	CSA, UL		125VAC
	CSA, UL, SEMKO, SEV, FIMKO, NEMKO, DEMKO, VDE(0565-1)		250VAC
<b>Dielectric Withstanding Voltage</b>	Rated Voltage		Test Voltage
	125VAC, 250VAC, 400VAC		2500VAC for 1 minute
<b>Dissipation Factor (DF)</b>	Y5P, Y5U	tan $\delta$ $\leq$ 2.5%, measured at 1KHz $\pm$ 10%, 1.0~5.0Vrms, 25°C	
	Y5V	tan $\delta$ $\leq$ 5.0%, measured at 1KHz $\pm$ 10%, 1.0~5.0Vrms, 25°C	
<b>Capacitance (C)</b>	Range	100pF to 10000pF, measured at 1KHz $\pm$ 10%, 1.0~5.0Vrms, 25°C	
	Tolerance	K	$\pm$ 10% Y5P
		M	$\pm$ 20% Y5P, Y5U
Z		+80%, -20% Y5V	
<b>Insulation Resistance (IR)</b>	10000M $\Omega$ min, measured at 500VDC		
<b>Temperature Characteristics</b>	Char.	Cap. Change	Temp. Range
	Y5P	$\pm$ 10%, max.	-30°C to 85°C
	Y5U	+22%, -56%, max.	-30°C to 85°C
	Y5V	+22%, -82%, max.	-30°C to 85°C
The reference temperature: 25°C			

## MARKING:



## DIMENSIONS (mm):

TYPE	PART NUMBER	TEMP. CHAR.	CAP. VALUE (pF)	MAX DIAMETER	MAX THICKNESS	LEAD SPACING
Y5P	Y5P101K252A67	Y5P	100	7.0	6.5	6.35(7.5)
	Y5P151K252A67	Y5P	150	7.0	6.5	6.35(7.5)
	Y5P221K252A67	Y5P	220	7.0	6.5	6.35(7.5)
	Y5P271K252A67	Y5P	270	7.0	6.5	6.35(7.5)
	Y5P331K252A67	Y5P	330	9.0	6.5	6.35(7.5)
	Y5P391K252A67	Y5P	390	9.0	6.5	6.35(7.5)
	Y5P471K252A67	Y5P	470	9.0	6.5	6.35(7.5)
	Y5P561K252A67	Y5P	560	10.0	7.5	6.35(7.5)
	Y5P681K252A67	Y5P	680	10.0	7.5	6.35(7.5)
	Y5P821K252A67	Y5P	820	12.0	7.5	6.35(7.5)
	Y5P102K252A67	Y5P	1000	12.0	7.5	6.35(7.5)
	Y5P152K252A97	Y5P	1500	14.0	7.5	9.5(10)
Y5P222K252A97	Y5P	2200	15.0	7.5	9.5(10)	
Y5U	Y5U102K252A67	Y5U	1000	9.0	6.5	6.35(7.5)
	Y5U152K252A67	Y5U	1500	10.0	6.5	6.35(7.5)
	Y5U222K252A67	Y5U	2200	12.0	6.5	6.35(7.5)
	Y5U332K252A97	Y5U	3300	14.0	7.5	9.5(10)
	Y5U472K252A97	Y5U	4700	16.0	7.5	9.5(10)

Y5V	Y5V102K252A67	Y5V	1000	8.0	6.5	6.35(7.5)
	Y5V152K252A67	Y5V	1500	9.0	6.5	6.35(7.5)
	Y5V222K252A67	Y5V	2200	10.0	6.5	6.35(7.5)
	Y5V332K252A97	Y5V	3300	13.0	7.5	9.5(10)
	Y5V472K252A97	Y5V	4700	13.0	7.5	9.5(10)
	Y5V682K252A97	Y5V	6800	15.0	7.5	9.5(10)
	Y5V822K252A97	Y5V	8200	17.0	7.5	9.5(10)
	Y5V103K252A97	Y5V	10000	17.0	7.5	9.5(10)

Please contact us for special case or items not listed.